IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Chen et al.	Group Art Unit: 2116
Serial No.: 10/717,822	Examiner: Michael J. Brown
Filed: November 20, 2003	
Title: APPARATUS, SYSTEM, AND METHOD FOR ADAPTER FASTLOAD	
Attorney Docket No.: TUC920030129US1	

Commissioner for Patents
Washington, DC. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

____ under 37 CFR 1.97(b), or
   (Within three months of filing national application; or date of entry of international
   application; or before mailing date of first office action on the merits; whichever
   occurs last)

____ under 37 CFR 1 .97(c) together with either a:
   ____ Statement under 37 CFR 1.97(e), or
   ____ a $180.00 fee under 37 CFR 1.17(p), or
      (After the CFR 1.97(b) time period, but before final action or
      notice of allowance, whichever occurs first)

__X__ under 37 CFR 1.97(d) together with a:
   __X__ Statement under 37 CFR 1.97(e), and
   __X__ a $180.00 fee set forth in 37 CFR 1 .17 (p).
      (Filed after final action or notice of allowance, whichever occurs first, but
      before payment of the issue fee)

Abstract: 06-095944
PURPOSE: To shorten an operation stopping period as much as possible by preparing a new file while operating a system by an old file and then transferring the new file to a main storage device.
CONSTITUTION: A new file (N(B)) including no succeeding data is stored (S111) in a secondary memory device (SM) 3. While operating an information processing system (exchanger), succeeding data (D) are transferred (S112) from an old file (O(D)) including the succeeding data (D) to a succeeding data (D) storing area in the new file (N(B)) including no succeeding data to constitute a new file (N(D)) including succeeding data (D). After stopping (S113) the operation of the information processing system, the new file (N(D)) including the succeeding data (D) is transferred (S114) from the device (SM) 3 to a prescribed area in a main memory device (MN) 2 to end the replacement of the files. Then, the system is operated (S115) by the new file (N(D)).

Abstract: 07-099674
PURPOSE: To perform the partial file updating of a part of an application in an online active state by setting a logical/physical address conversion table so as to refer to the same physical memory for data required to be referred to between new and old files in common and enabling the synchronous running of new and old programs.
CONSTITUTION: A processor 1 is provided with a file updating part 10 for updating a part of the old file to the new file. The initial task execution means 12 secures a new area inside a storage device 2 first, then a conversion table 2b for converting logical addresses for the new file to physical addresses is prepared by a conversion table preparation/setting means 12b, also the conversion table for the data taken over from the old file is set in the conversion table 2b and the data in common with the old file are utilized in the new file as well. Then, the new file 2c is loaded into the secured area inside the storage device 2 by a new file loading means 12c.

Abstract: 08-095772
PURPOSE: To perform the partial substitution of a program in execution without stopping the system.
CONSTITUTION: This computer system is equipped with a data structure/ program additional loading means 30 which additionally loads the data structure of the program in execution and part of a modified program, a program execution temporarily stopping means 44 which temporarily stops the program in execution, a data converting and moving means 32 which converts data from the data structure that the program in execution at a stop uses to the additionally loaded structure and moves them, a program control shifting means 36 which

modifies part of the program in execution so that control is transferred to the additionally loaded program when the control is passed to the program in execution, and a program execution restarting means 46 which restarts the execution of the temporarily stopped program after the movement of the data and the modification of the program are completed.

Abstract: 09-054690
PROBLEM TO BE SOLVED: To efficiently replace an operation file in a short service stop time.
SOLUTION: While a communication system equipped with a control part 21 which controls a main signal process part according to an in-use file and a secondary memory 31 which is connected to the control part 21 and holds a new file is in operation, specific taken-over data in the in-use file are copied to a specific position (1), the new file after being copied is loaded to a main memory 22 (2), and the operation of communication system is restarted with the new file which is loaded (3). Further, while the communication system is in operation, the specific taken-over data in the in-use file are copied to a free area of the secondary memory or main memory (1), the new file in the secondary memory after being copied is loaded to the main memory (2), and the new file which is loaded is executed to copy or move the copied taken-over data to a specific position in the new file (3), thereby restarting the operation of the communication system with the new file (4).

__X__   Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention, Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein he made of record in this application.

<div style="text-align:center">Respectfully submitted,</div>

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